



## Level 1 Validation Certificate

This document verifies that the Level 1 Validation process was completed. The session details and audit review outcomes are included here.

*This certificate is required for submission – alongside the Level 1 validated water audit software file – to the California Department of Water Resources.*

Call Date: 9/2/2020

### Water Supplier

Supplier Name:	Ventura County waterworks District 1
Supplier Participants:	Elizabeth Smith, David Hazen, Sean Hanley and Jean Fontayne, Scott Meckstroth

### Key Audit Metrics

Data Validity Score:	72	
ILI:	0.02	
Real Loss:	0.41	gal / conn / day
Apparent Loss:	9.43	gal / conn / day
Non-Revenue Water as Percent of Cost of Operating System:	1.1%	

### Validator

Validator:	Kris Williams Water Systems Optimization
Validator Qualifications:	Water Audit Validator Certificate from the AWWA California Nevada Section

### Certification Statement by Validator

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

Ventura County acknowledged the outcome of the negative audit as a product of unresolved uncertainty in the water audit inputs. Master meter error adjustment and/or pro-rating of billing data are likely contributors, but in the validation session, all inputs were appropriately derived and graded given currently available information.

## Level 1 Validation – Water Supplier Confirmation

This document confirms participation in and endorsement of the Level 1 Validation as completed.

*This acknowledgement is required for submission – alongside your Level 1 validated water audit software file – to the California Department of Water Resources.*

Water Supplier Name: Ventura County Waterworks District No. 1

Water Supplier Public Water System ID: 5610018

Water Audit Period: Fiscal Year 2020

### Water Audit & Water Loss Improvement Steps

*Steps taken in the audit period timeframe to increase data source accuracy, reduce real losses, and/or reduce apparent losses, as informed by the water audit.*

**Monitor leak/break repairs to determine trends for areas in need of pipeline replacement. Continued investigation of all water pressure for meter accuracy and calibration. Implement a recoding and monitoring system via AMI meter reads to better monitor zone and overall demands. Review and record keeping for meters age for required manufacturers replacement recommendations.**

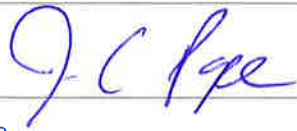
### Certification Statement by Water Supplier Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (print): Joseph C. Pope

Executive Position: Water & Sanitation Director

Signature:



Date: 10/01/2020